



# Webinar 'Aquathermal energy and 5th generation district heat and cold' will start in a few minutes

June 1<sup>st</sup>, 2023



## Aquathermal energy and 5th generation district heat and cold

June 1st, 2023

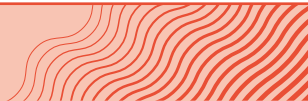
# Introducing...

## Network Aquathermie

- Inducement: Dutch Climate agreement, Energy Transition
- Start in May 2019, through a Green Deal
- Goal: Accelerating energy transition by mapping value and application of aquathermal energy (joint fact finding)
- Now: 65 parties involved
- Focus:
  - Involved knowledge development
  - Organize knowledge sharing
  - Develop the network

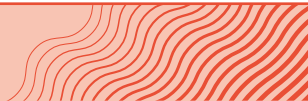
## KNW / Amsterdam International Water Week

- KNW: Royal Dutch Waternetwork
- Independent knowledge platform for the Water Sector
- Every 2 year: the Amsterdam International Water Week (AIWW)
- Sharing knowledge and expertise in the field of Water and Delta Technology



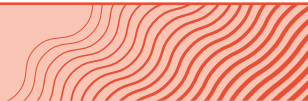
# Program

- 16.00: Opening of webinar
- 16.05: Introduction into 5GDHC by Herman Eijdens
- 16.20: Case Clyde Gateway by Hugh Moore
- 16.40: Breakout rooms: networking and discussion
- 17.00: Recap discussions and end webinar
- 17.15: End webinar



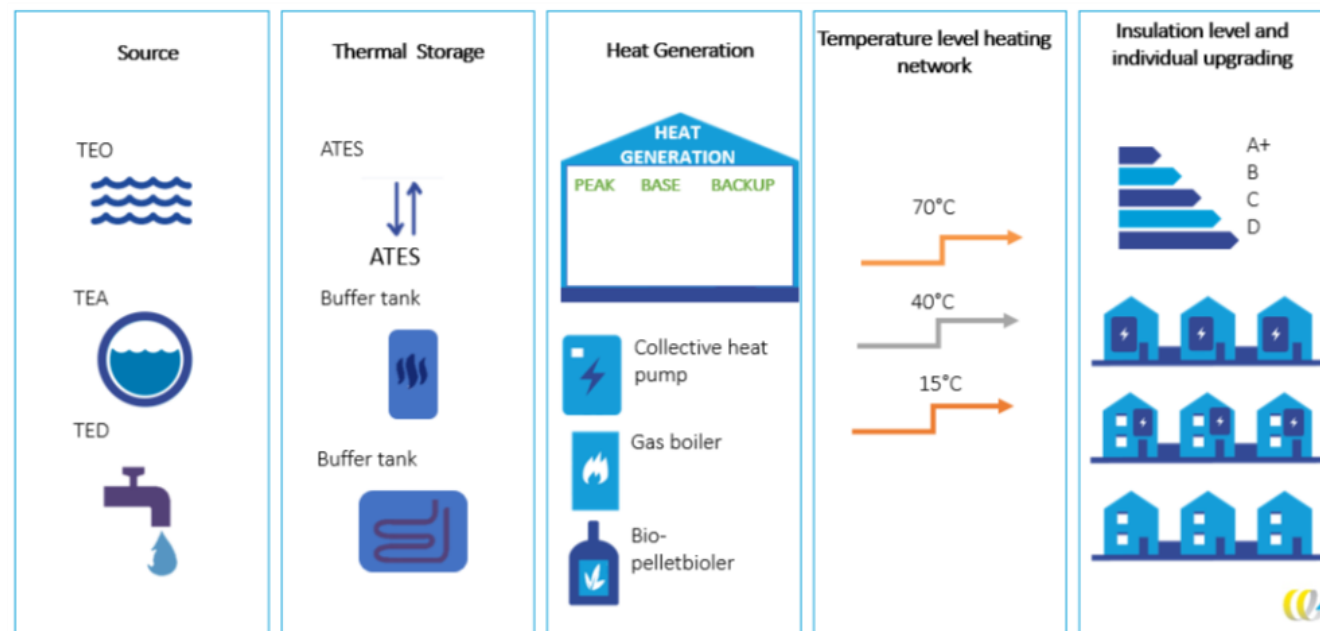
# Instructions

- Please ask your questions via the Chat
- Q&A will be provided after the webinar
- Webinar will be recorded, until start of breakout rooms
- Short questionnaire at the end of webinar
- Webinar, Q&A and presentations will be published and send to you



# What is Aquathermal energy?

- Heating and cooling buildings sustainably using heat and cold from water
- Three types:
  - Surface and sea/ocean water
  - Wastewater
  - Drinkingwater
- Most effective in well isolated buildings (low temperature source)
- With the use of heatpump right temperature for heating can be reached
- Expectation in the Netherlands: 200.000 buildings with aquathermal energy in 2030



# First presentation

Introduction into 5GDHC by Herman Eijdens

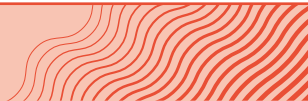
# Second presentation

Case Clyde Gateway by Hugh Moore, Clyde Gateway



## Statement

“5<sup>th</sup> generation district heat and cold is the most sustainable and social option for low temperature demand”



# WATER IN TRANSITION; ACCELERATE THE ACTION

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**Thank you for your attention**

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